

	L #	Hits	Search Text	DBs	Errors
1	L1	49	cellulose and (radiation or x-ray) and rotate and tomogra\$5	USPAT; US-PGPUB; EPC; JPO; 0 DERWENT; IBM_TDB	
2	L2	14	11 and (sort or category)	USPAT; US-PGPUB; EPC; JPO; 1 DERWENT; IBM_TDB	
3	L3	152	wood and (radiation or x-ray) and rotate and tomogra\$5	USPAT; US-PGPUB; EPC; JPO; 0 DERWENT; IBM_TDB	
4	L4	46	13 and (sort or category)	USPAT; US-PGPUB; EPC; JPO; 0 DERWENT; IBM_TDB	

	Document ID	Title	Current OR	Current XRef	Inventor
1	US 20010001011 A1	System and method for radiographic imaging of tissue	378/98.9	424/9.4	Salb, Jesse
2	US 20010001035 A1	Functional radiographic imaging methods and agents	378/98.9		Salb, Jesse et al.
3	US 20020005321 A1	Surgical navigation systems including reference and localization frames	600/407	600/424	Bucholz, Richard D. et al.
4	US 20020145042 A1	Internet-based remote monitoring, configuration and service EMS system capable of monitoring, configuring and servicing a planar laser illumination and imaging (PLIIM) based network	235/462.01		Knowles, C. Harry et al.
5	US 20020171042 A1	Fast neutron resonance radiography for elemental mapping	250/390.04		Chen, Gongyin et al.
6	US 20030014931 A1	Method of speckle-noise pattern reduction and apparatus therefor based on reducing the temporal-coherence of the planar laser illumination beam (PLIB) after it illuminates the target by applying temporal intensity modulation techniques during the detection of the reflected/scattered PLIB	235/454		Tsikos, Constantine J. et al.
7	US 20030014932 A1	Method of speckle-noise pattern reduction and apparatus therefor based on reducing the temporal-coherence of the planar laser illumination beam before it illuminates the target object by applying temporal frequency modulation techniques during the transmission of the PLIB towards the target	235/454		Tsikos, Constantine J. et al.

	Document ID	Title	Current OR	Current XRef	Inventor
8	US 20030019933 A1	Automated object identification and attribute acquisition system having a multi-compartment housing with optically-isolated light transmission apertures for operation of a planar laser illumination and imaging (PLIIM) based linear imaging subsystem and a laser-based object profiling subsystem integrated therein.	235/454		Tsikos, Constantine J. et al.
9	US 20030024967 A1	Method of and apparatus for producing a digital image of an object with reduced speckle-pattern noise, by consecutively capturing, buffering and processing a series of digital images of the object over a series of consecutively different photo-integration time periods.	235/454		Zhu, Xiaohu.
10	US 20030026386 A1	Anti-scatter grids and collimator designs, and their motion, fabrication and assembly.	378/154		Tang, Cha-Mei et al.
11	US 20030034867 A1	Object identification and attribute information acquisition and linking computer system.	235/375		Knowles, C. Harry et al.
12	US 20030034895 A1	Planar light illumination and imaging (PLIIM) based system having a linear image detection chip mounting assembly with means for preventing misalignment between the field of view (FOV) of said linear image detection chip and the co-planar laser illumination beam (PLIB) produced by said PLIIM based system, in response to thermal expansion and/or contraction within said PLIIM based system.	235/454		Tsikos, Constantine J. et al.

	Document ID	Title	Current OR	Current XRef	Inventor
13	US 2003003 489 A1	Method of speckle-noise pattern reduction and apparatus therefor based on reducing the spatial-coherence of the planar laser illumination beam before it illuminates the target object by applying spatial phase modulation techniques during the transmission of the PLIB towards the target	235/454		Tsikos, Constantine J. et al.
14	US 2003003 5461 A1	Planar laser illumination and imaging (PLIIM) device employing a linear image detection array having vertically-elongated image detection elements, wherein the height of the vertically-elongated image detection elements and the F# parameter of the image formation optics are configured to reduce speckle-pattern noise power through spatial-averaging of detected speckle-noise patterns	372/101	372/43	Tsikos, Constantine J. et al.
15	US 2003003 5461 A1	Hand-supportable planar laser illumination and imaging (PLIIM) device employing a pair of linear laser diode arrays mounted about a linear image detection array, for illuminating an object to be imaged with a plurality of optically-combined spatially-incoherent planar laser illumination beams (PLIBS) and reducing the speckle-pattern noise power in detected linear images by temporally-averaging detected speckle-noise patterns during the photo-integration time period of said linear image detection array	372/108	372/43	Tsikos, Constantine J. et al.

	Document ID	Title	Current OR	Current XRef	Inventor
14	US 20030042393 A1	Tunnel-based method of and system for identifying transported packages employing the transmission of package dimension data over a data communications network and the transformation of package dimension data at linear imaging subsystems in said tunnel-based system so as to enable the control of auto zoom/focus camera modules therewithin during linear imaging operations	235/484		Tsikos, Constantine J. et al.
15	US 20030042393 A1	Automatic vehicle identification (AVI) system employing planar laser illumination imaging (PLIIM)-based subsystems	235/364		Tsikos, Constantine J. et al.
16	US 20030042394 A1	Automatic vehicle identification and classification AVIC system employing a tunnel-arrangement of PLIIM-based subsystems	235/364		Knowles, C. Harry et al.
17	US 20030042399 A1	Generalized method of speckle-noise pattern reduction and particular forms of apparatus therefor based on reducing the spatial-coherence of the planar laser illumination beam after it illuminates the target by applying spatial intensity modulation techniques during the detection of the reflected/scattered PLIIB	235/454		Tsikos, Constantine J. et al.

	Document ID	Title	Current OR	Current XRef	Inventor
21	US 2003004 2314 A1	Hand-supportable planar laser illumination and imaging (PLIIM) device employing a pair of linear laser diode arrays mounted about an area image detection array, for illuminating an object to be imaged with a plurality of optically-combined spatially-incoherent planar laser illumination seams (PLIIS) scanned through the field of view (FOV) of said area image detection array, and reducing the speckle-pattern noise power in detected I-R images by temporally-averaging detected speckle-noise patterns during the photo-integration time period of said area image detection array	235/472 .01		Tsikos, Constantine J. et al.
21	US 2003004 2315 A1	Hand-supportable planar laser illumination and imaging (PLIIM) based camera system capable of producing digital linear images of a object, containing pixels having a substantially uniform white level independent of the velocity of the object while manually moving said PLIIM based camera system past said object during illumination and imaging operations	235/472 .01		Tsikos, Constantine J. et al.
22	US 2003004 7597 A1	Programmable data element queuing, handling, processing and linking device integrated into an object identification and attribute acquisition system	235/375		Knowles, C. Harry et al.
23	US 2003005 2169 A1	Planar laser illumination and imaging (PLIIM) based camera system for producing high-resolution 3-D images of moving 3-D objects	235/454		Tsikos, Constantine J. et al.

	Document ID	Title	Current OR	Current XRef	Inventor
14	US 5013105 A1	Method of and system for automatically producing digital images of moving objects, with pixels having a substantially uniform white level independent of the velocities of the moving objects	235/472 .01		Tsikos, Constantine J. et al.
27	US 5013105 A1	Method of and system for producing high-resolution 3-D images of 3-D object surfaces having arbitrary surface geometry	372/119	345/193	Natan, Pirooz et al.
44	US 4485619 A	Apparatus for realtime fast reconstruction and display of dose distribution	250/370 .07	345/440	Inamura, Kiyonari et al.
47	US 4991193 A	Method for producing tomographic images using direct Fourier inversion	342/131		Roberge, Wayne et al.
48	US 5093857 A	Tomographic scanning apparatus	378/15	378/4	Dinwiddie, Kendall L. et al.
49	US 5245262 A	Three-dimensional magnetic resonance imaging	324/309		Mugler, III, John P. et al.
50	US 5421427 A	Mobile, multi-mode apparatus and method for nondestructively inspecting components of an operating system	250/360 .1	250/358.1; 378/59	Morgan, Ira L. et al.
51	US 5467172 A	Transform processor system having reduced processing bandwidth	712/32	700/8	Hyatt, Gilbert P.
52	US 5600303 A	Detection of concealed explosives and contraband	340/566 .1	378/37	Husseiny, Abdo A. et al.
53	US 5614720 A	Mobile, multi-mode apparatus and method for nondestructively inspecting components of an operating system	250/360 .1	250/358.1; 378/59	Morgan, Ira L. et al.
54	US 5692129 A	Detection of concealed explosives and contraband	378/66	378/60	Husseiny, Abdo A. et al.
55	US 5944141 A	Ultrasound beam alignment system	73/633	310/96.5; 600/437; 600/443; 600/453; 73/620; 73/621	Seale, Joseph B.

	Document ID	Title	Current OR	Current XRef	Inventor
36	US 6039701 B1	Method and apparatus for monitoring cervical diameter	600/585	600,591	Sliwa, Jack et al.
37	US 6026382 B1	System and method for radiographic imaging of tissue	378/98, 9	378,143; 378/51; 378,62	Salb, Jesse
38	US 6004771 B1	Surgical navigation systems including reference and localization frames	600,417	600,131	Rucholz, Richard L. et al.
39	US 6016764 B1	Method for segmenting medical images and detecting surface anomalies in anatomical structures	382/128		Summers, Ronald M. et al.
40	US 6029139 B1	Automated sorting system for matrices with memory	435/6	209/597; 209/604; 702,19; 702,20	Nova, Michael P. et al.
41	US 6048112 B1	Method for segmenting medical images and detecting surface anomalies in anatomical structures	382/128		Summers, Ronald M. et al.
42	US 6048113 B1	Apparatus and method for processing object data in computed tomography data using object projections	382/131	378,63; 378,62	Steffard, Carl R. et al.
43	US 6424996 B1	Medical network system and method for transfer of information	709/206	345,751; 345,757; 382,128; 709,218	Killcomms, Peter M. et al.
44	US 6490467 B1	Surgical navigation systems including reference and localization frames	600,407	600,411; 600,427; 600,434; 600,435; 606,130	Rucholz, Richard D. et al.
45	US 6491647 B1	Physiological sensing device	600/585	128,900; 600,500	Bridger, Keith et al.
46	US 6814012 B1	System and method for performing a three-dimensional examination with collapse correction	434/262	345/418; 434/267; 434/272	Kaufman, Arie E. et al.



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1	L1	49	cellulose and radiation or x-ray and rotate and tomogra5	USPAT; US-PGPUB; EPC; JPC; DERWENT; IBM_TDB	0
2	L2	14	l1 and (sort or category)	USPAT; US-PGPUB; EPC; JPC; DERWENT; IBM_TDB	0







	L #	Hits	Search Text	DBs	Errors
1	L1	154	(cellulose and (radiation or x-ray) and (wood-cell or wood with cell	USPAT; US-PGPUB; EPC; JPC; DERWENT; IBM_TDB	0
2	L2	0	(cellulose and (radiation or x-ray)) and (wood-cell or wood with cell) and rotate with source	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	0
3	L3	10	cellulose and radiation or x-ray and wood-cell or wood with cell) and rotate	USPAT; US-PGPUB; EPC; JPO; DERWENT; IBM_TDB	0

	Document ID	Title	Current OR	Current XRef	Inventor
1	US 2002008 6824 A1	Novel methods and reagents for the treatment of osteoarthritis	514/12		Warman, Matthew L. et al.
2	US 4111766 A	Process for the recovery of silver from fixing solutions	205/566	205/567; 205/571	Idota, Yoshio et al.
3	US 4861632 A	Alkaline battery, composite separator therefor	429/145	429/151; 429/154	Weber, Robert E. et al.
4	US 5136007 A	Process for making graft copolymers from lignin and vinyl monomers	527/400	527/403	Meister, John J.
5	US 5194145 A	Method and apparatus for separation of matter from suspension	210/90	210/921; 210/924; 210/951; 428/173; 8;	Schoendorf, fer, Donald W.
6	US 5342779 A	Photochemically enhanced microbial degradation of environmental pollutants	435/262 .5	435/254; 1; 428/252; 428/291; 1; 536/207	Matsumura, Fumio et al.
7	US 5603963 A	Process for the production of conductive and magnetic transition metal oxide coated three dimensional substrates	427/126 .3	427/126; 5; 427/126; 6; 427/311; 427/376; 1; 427/377	Clough, Thomas J. et al.
8	US 5756207 A	Transition metal oxide coated substrates	428/375	428/379; 428/388; 428/389; 428/403; 428/501	Clough, Thomas J. et al.
9	US 5785784 A	Abrasive articles method of making same and abrading apparatus	156/66	156/231; 156/232; 156/275; 5; 51/297	Chesley, Jason A. et al.
10	US 5806890 A	Methods of biomass pretreatment	107/37	413/125; 426/635; 426/636	Holtrapp, e, Mark T. et al.